

Mint of the United States at Philadelphia, Pa.,
Machine Shop
SUPERINTENDENT'S OFFICE,

Hon, Daniel M. Fox

April 4th

, 1886

Superintendent

Dear Sir,

In reply to your inquiry, relating to the better ventilation of the basement of the building, and especially so during the night, when all doors, and windows must be closed: I would respectfully submit the following to your consideration

First! That the Elevator Shafts on either side of the building be raised to a proper distance above the roof, and that they be provided with such Enclosures, as will admit of their being used at night as ventilator shafts: The two Shafts will give an area of 34 Square feet for ventilation.

Second! The continuation to the proper distance above the roof, of the opening between the rear of the boilers and the Stack: This will give an area of 10 Square feet for ventilation.

Mint of the United States at Philadelphia, Pa.,

SUPERINTENDENT'S OFFICE,

, 188'

Third, Should the foregoing prove not to give the desired relief to the basement, two additional shafts may be provided, one on either side of the fire room, leading along the inner walls of the building, through the balcony, and projecting above the roof: The area of the two shafts would be 8 square feet.

The total area of the above mentioned shafts would be 52 square feet, or equivalent to a cylindrical shaft 8 feet in diameter.

Should the leakage around the doors, and, windows be insufficient to furnish the necessary amount of air from the exterior of the building, then an additional supply must be provided, in such manner as not to interfere with the present security of the building.

Very Respectfully,

Samuel J. [Signature]
John W. [Signature]

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Mint of the United States at Philadelphia, Pa.,

SUPERINTENDENT'S OFFICE,

April 4, 1886.

Sam'l James.

Foreman. Machine Shop. ^{Superintendent.}

Relative to the better ven-
tilation of the basement
of the Phila Mint.

No. of Enclosures,

Rec Apr 5 1886

[Abstract:] Relative to the better ventilation of the basement of the Phila. Mint.

Mint of the United States at Philadelphia, Pa.,
Machine Shop
April 4, 1886

Hon. Daniel M. Fox
Superintendent

Dear Sir

In reply to your inquiry, relating to the better ventilation of the basement of the building; and especially so during the night, when all doors and windows must be closed. I would respectfully submit the following to your consideration.

First: That the Elevator shafts on either side of the buildings be raised to a proper distance above the roof, and that they be provided with such enclosures, as will admit of their being used at night as ventilation shafts. The two shafts will give an area of 34 square feet for ventilation.

Second: The continuation to the proper distance above the roof, of the opening between the rear of the boilers and the stack: This will give an area of 10 square feet for ventilation.

Third: Should the forgoing prove not to give the desired relief to the basement, two additional shafts may be provided, on either side of the fire room, leading along the inner walls of the building, through the balcony, and projecting above the roof. The area of the two shafts would be 8 square feet.

The total area of the above mentioned shafts would be 52 square feet, or equivalent to a cylindrical shaft 8 feet in diameter.

Should the leakage around the doors, and windows be insufficient to furnish the necessary amount of air from the exterior of the building, then an additional supply must be provided, in such manner as not to interfere with the present security of the building.

Very Respectfully,
Saml. James
For Mch. Shop